## UNITED STATES PATENT AND TRADEMARK OFFICE

## **CERTIFICATE OF CORRECTION**

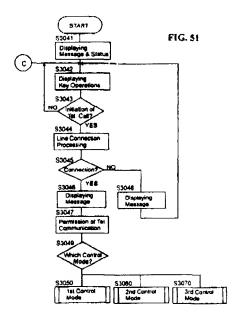
PATENT NO. : 7,046,239 B2 Page 1 of 3

APPLICATION NO. : 09/770078 DATED : May 16, 2006

INVENTOR(S) : Katsuhiko Asai et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Drawing Sheet 1, FIG. 51, please delete FIG. 51, and add new FIG. 51 below:



This certificate supersedes the Certificates of Correction issued February 15, 2011, July 12, 2011 and August 30, 2011.

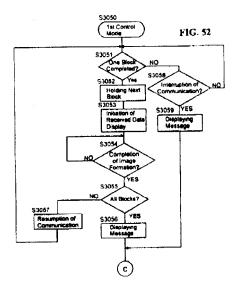
Signed and Sealed this Eleventh Day of October, 2011

David J. Kappos

Director of the United States Patent and Trademark Office

## CERTIFICATE OF CORRECTION (continued) U.S. Pat. No. 7,046,239 B2

Drawing Sheet 2, FIG. 52, please delete FIG. 52, and add new FIG. 52 below:



Drawing Sheet 41, FIG. 53, please delete FIG. 53, and add new FIG. 53 below:

